



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Applicant(s):** Lixin Zhao  
**Title:** CMOS image sensor with substrate noise barrier  
**Serial No.:** 10/619,033  
**Confirmation No.:** 6392  
**Filing Date:** 07/10/2003  
**Examiner:** William M. Brewster  
**Group Art Unit:** 2823  
**Docket No:** SVPA-011

July 31, 2004

Mail Stop: No-Fee Amendments  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

### Response to First Office Action

Dear Sir:

In response to the Office Action dated 05/14/2004, the Applicant encloses herewith a supplemental declaration to allow the undersigned to represent the case before the USPTO and respectfully requests the Examiner to enter the amendments and consider the remarks as follows:

**AMENDMENT TO THE TITLE** begins on page 2

**AMENDMENTS TO THE SPECIFICATION** begin on page 3.

**AMENDMENTS TO THE CLAIMS** are reflected in the listing of claims which begins on page 4 of this Amendment.

**REMARKS/ARGUMENTS** begin on page 8 of this Amendment.